



Crop Weather Report

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Monthly: Nov-Mar

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For the Week Ending:
Oct. 21, 2007

Weather Summary

Montana experienced above normal temperatures for the week ending October 21st. Temperatures were similar to the previous week with highs in the 60s to 70s and lows in the 20s and 30s. Great Falls and Fort Assinniboine shared the weekly high temperature of 72 degrees, and West Yellowstone had the low of 14 degrees. The state received moderate amounts of precipitation. Bozeman received 1.18 inches of moisture, the most for the week. Wisdom received 0.72 of an inch on October 19th, breaking the previous daily precipitation record for that day of 0.55 of an inch set in 1963. Topsoil moisture adequate and surplus is 57 percent, below last week's 58 percent and last year's 79 percent, but above the five-year average of 46 percent. Subsoil moisture adequate and surplus, at 35 percent, is unchanged from last week, but below last year's 40 percent and above the five-year average of 25 percent. There were 5.9 days suitable for fieldwork compared to 5.4 days the previous week.

The weather outlook for October 29th through November 4th is for below normal temperatures and above normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the lower 40s to the lower 50s and lows in the upper teens to the lower 30s.

Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	5	8	5	23
Short	38	34	16	31
Adequate	55	54	68	43
Surplus	2	4	11	3
Subsoil Moisture				
Very Short	23	27	19	39
Short	42	38	41	36
Adequate	34	34	39	24
Surplus	1	1	1	1
Days Suitable for Fieldwork				
Days	5.9	5.4	3.0	5.2

Field Crops Report

There are only a few producers left planting winter wheat. Seventy-six percent of winter wheat has emerged, more than last year's 55 percent and the five-year average of 69 percent. Safflower is almost all harvested. Farmers continue to harvest potatoes and sugar beets. Reports indicate sugar content of beets harvested is below average. Corn conditions remain better than last year.

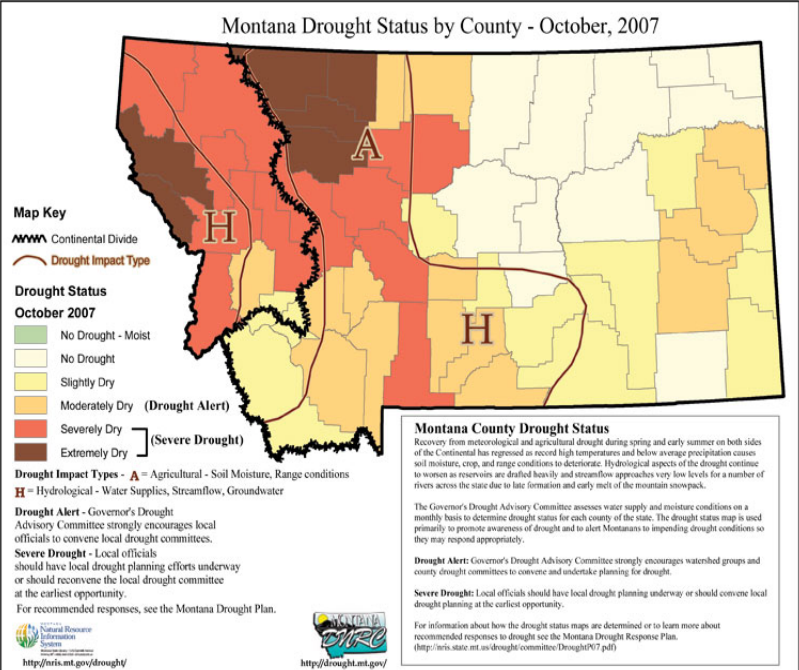
Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Winter Wheat	96	91	93	97
Emerged				
Winter Wheat	76	55	55	69
Harvested				
Safflower	98	94	95	n/a
Corn for Grain	33	15	13	n/a

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Corn				
Very Poor	0	1	5	n/a
Poor	4	4	4	n/a
Fair	10	12	16	n/a
Good	71	65	53	n/a
Excellent	15	18	22	n/a
Winter Wheat				
Very Poor	0	n/a	n/a	n/a
Poor	8	n/a	n/a	n/a
Fair	44	n/a	n/a	n/a
Good	46	n/a	n/a	n/a
Excellent	2	n/a	n/a	n/a

Livestock Report

Ranchers are increasing the number of livestock receiving supplemental feed. Sixty-four percent of cattle and 71 percent of sheep have been moved from summer ranges. Range and pasture feed conditions have declined slightly from the previous week.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	16	14	11	22
Poor	20	18	25	26
Fair	36	40	41	32
Good	24	23	18	17
Excellent	4	5	5	3
Moved From Summer Ranges				
Cattle and Calves	64	63	72	71
Sheep and Lambs	71	70	72	72
Receiving Supplemental Feed				
Cattle and Calves	14	11	11	15
Sheep and Lambs	13	11	9	n/a



Weather Information for the Week ending 10/21/2007

Station ID						Precipitation								
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date			
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM	
NORTHWEST														
Alberton	67	31	45	1	+1	0.41	+0.27	7.56	-0.73	91	0.97	+0.43	180	
Anaconda	66	27	40	0	+0	0.46	+0.25	11.97	+0.98	109	1.11	+0.40	156	
Clinton	66	31	45	0	+0	0.45	+0.31	10.27	+1.98	124	0.98	+0.44	181	
Corvallis	66	31	43	0	+0	0.70	+0.56	6.56	-1.54	81	1.00	+0.44	179	
Creston	62	26	42	0	+0	0.41	+0.15	7.47	-5.08	60	0.56	-0.28	67	
Deer Lodge	67	26	40	0	+0	0.42	+0.28	8.79	+0.50	106	0.87	+0.41	189	
Drummond	70	26	41	0	+0	0.43	+0.24	10.20	+1.09	112	1.17	+0.56	192	
Hamilton	64	30	45	0	+0	0.69	+0.55	6.98	-1.12	86	0.92	+0.36	164	
Kalispell	65	25	45	0	+0	0.22	+0.06	7.04	-2.49	74	0.75	+0.18	132	
Missoula	65	34	47	4	+4	0.37	+0.23	6.21	-2.08	75	0.58	+0.04	107	
Olney	63	22	39	0	+0	0.51	+0.23	6.28	-5.25	54	1.54	+0.70	183	
Polson	58	32	44	0	+0	0.44	+0.23	9.61	-1.16	89	0.76	+0.05	107	
St Ignatius	62	33	45	0	+0	0.15	-0.06	8.81	-2.37	79	0.45	-0.31	59	
Seeley Lake	66	27	44	0	+0	0.41	+0.13	6.93	-3.15	69	0.73	-0.10	88	
Sula	69	25	41	0	+0	0.94	+0.68	11.77	+0.98	109	1.63	+0.81	199	
Superior	66	31	47	6	+5	0.33	+0.05	10.68	+1.91	122	1.27	+0.50	165	
Swan Lake	64	28	42	0	+0	0.80	+0.31	11.45	-2.30	83	1.23	-0.15	89	
Thompson Falls	67	34	47	4	+2	0.63	+0.27	8.92	-1.25	88	1.93	+0.92	191	
West Glacier	63	28	43	0	+0	0.69	+0.25	11.67	-2.88	80	2.41	+1.12	187	
NORTH CENTRAL														
Chester	68	29	46	1	-6	0.04	-0.03	6.80	-1.71	80	0.34	+0.06	121	
Chinook	66	27	46	2	-5	0.02	-0.07	10.25	+0.14	101	0.58	+0.13	129	
Choteau	69	28	45	1	-13	0.23	+0.16	6.34	-2.58	71	1.03	+0.71	322	
Cut Bank	66	30	45	0	-5	0.08	+0.01	5.22	-4.56	53	0.77	+0.45	241	
Ft Assinniboine	72	29	48	3	-8	0.02	-0.12	10.01	+0.50	105	0.32	-0.18	64	
Fort Benton	68	29	46	1	-12	0.13	-0.05	9.45	-1.41	87	0.57	-0.03	95	
Goldbutte	66	30	46	0	-7	0.00	-0.14	10.37	-0.44	96	0.62	+0.11	122	
Harlem	65	22	46	2	-5	0.00	-0.12	10.31	+0.80	108	0.48	+0.01	102	
Havre	71	27	48	7	+0	0.02	-0.09	9.78	+1.18	114	0.22	-0.21	51	
Malta	63	27	48	1	-5	0.00	-0.14	11.29	+0.81	108	0.93	+0.45	194	
Rudyard	64	28	45	0	-11	0.00	-0.14	10.29	-0.76	93	0.13	-0.42	24	
Shelby	71	27	45	0	-8	0.07	-0.02	7.15	-3.01	70	0.57	+0.18	146	
Turner	61	24	46	0	-6	0.01	-0.13	9.20	-1.28	88	0.57	+0.09	119	
Valier	69	30	45	1	-7	0.18	+0.09	8.43	-1.73	83	1.11	+0.72	285	
NORTHEAST														
Bredette	62	29	44	0	-4	0.01	-0.13	13.26	+2.86	128	1.41	+0.91	282	
Culbertson	64	24	45	0	-5	0.00	-0.16	11.89	+0.08	101	1.01	+0.37	158	
Glasgow	62	29	47	3	-4	0.01	-0.13	13.12	+4.02	144	1.42	+0.96	309	
Glendive	68	32	50	10	+0	0.00	-0.14	11.68	+0.50	104	0.93	+0.38	169	
Jordan	66	26	47	4	-4	0.12	-0.02	13.66	+3.06	129	1.52	+0.94	262	
Nashua	65	25	47	1	-6	0.00	-0.14	15.13	+6.03	166	1.44	+0.98	313	
Opheim	60	23	43	0	+0	0.00	-0.08	11.79	+1.70	117	0.82	+0.41	200	
Plentywood	63	24	45	0	-2	0.00	-0.14	15.56	+5.13	149	1.35	+0.84	265	
St Marie	59	28	46	0	-7	0.02	-0.12	10.69	+1.59	117	1.53	+1.07	333	
Scobey	61	27	45	0	-4	0.00	-0.14	12.70	+2.30	122	1.38	+0.88	276	
Sidney	64	30	47	1	-6	0.00	-0.20	12.09	+0.89	108	1.21	+0.54	181	
Wolf Point	65	25	47	4	-3	0.01	-0.14	13.07	+0.86	107	1.05	+0.44	172	
CENTRAL														
Cascade	70	21	43	0	-7	0.27	+0.07	11.73	-0.11	99	0.97	+0.25	135	
Grass Range	64	28	45	0	-14	0.00	-0.21	16.31	+3.02	123	1.61	+0.91	230	
Great Falls	72	31	48	16	+3	0.16	+0.00	8.23	-2.69	75	0.62	+0.04	107	
Harlowton	67	24	43	0	-8	0.32	+0.12	13.96	+2.97	127	1.99	+1.37	321	
Helena	67	34	48	6	-1	0.19	+0.05	8.86	+0.24	103	0.96	+0.50	209	
Lewistown	65	30	46	3	-4	0.09	-0.16	13.53	-0.05	100	0.70	-0.11	86	
Martinsdale	69	24	43	0	-7	0.00	-0.14	9.55	-0.93	91	0.78	+0.27	153	
Neihart	69	26	43	2	-3	0.28	+0.00	17.07	+1.81	112	0.65	-0.29	69	
Rogers Pass	70	29	45	4	-9	0.17	+0.03	12.09	+1.82	118	0.89	+0.40	182	
Roundup	66	27	47	3	-14	0.09	-0.12	13.96	+3.73	136	1.49	+0.80	216	
Ryegate	66	27	45	0	-2	0.00	-0.14	11.96	+1.74	117	1.19	+0.67	229	
Stanford	68	30	45	2	-5	0.08	-0.13	11.93	-1.08	92	0.82	+0.16	124	
Townsend	67	29	46	1	-7	0.46	+0.32	7.83	-1.08	88	0.92	+0.43	188	
Valentine	65	29	45	0	-10	0.00	-0.14	13.06	+1.37	112	1.45	+0.93	279	
Wht Sulphur Spr	67	26	44	0	+0	0.28	+0.02	7.08	-4.43	62	0.63	-0.19	77	
SOUTHWEST														
Boulder	63	28	42	0	-6	0.26	+0.13	9.13	+0.11	101	0.82	+0.38	186	
Bozeman	67	30	44	0	-7	1.18	+0.83	17.31	+3.48	125	2.81	+1.69	251	
Butte	65	27	41	0	+0	0.37	+0.23	10.96	+1.71	118	1.07	+0.58	218	
Dillon	67	27	43	3	-4	0.36	+0.22	10.07	+1.71	120	0.97	+0.52	216	
Ennis	70	25	43	3	-4	0.88	+0.67	11.94	+1.53	115	1.77	+1.09	260	
Lakeview	60	26	40	0	+0	0.61	+0.33	7.92	-5.22	60	1.69	+0.81	192	
W Yellowstone	63	14	39	0	+0	0.92	+0.64	9.34	-2.47	79	2.18	+1.32	253	
Wisdom	65	15	39	0	+0	1.10	+0.96	10.04	+2.01	125	1.28	+0.81	272	
SOUTH CENTRAL														
Billings	63	34	49	6	-10	0.62	+0.34	13.18	+2.73	126	2.18	+1.34	260	
Cooke City	62	26	42	0	+0	0.55	+0.27	9.39	-5.35	64	1.55	+0.53	152	
Gardiner	67	29	44	2	-9	0.59	+0.44	5.41	-2.38	69	1.71	+1.14	300	
Hardin	71	34	51	13	+2	0.99	+0.71	11.74	+0.39	103	2.05	+1.12	220	
Huntley	69	28	47	5	-3	0.50	+0.29	12.81	+2.08	119	1.90	+1.17	260	
Hysham	66	34	48	0	-15	0.69	+0.48	13.39	+3.02	129	1.89	+1.14	252	
Joliet	64	29	45	0	-13	0.28	+0.00	12.05	+0.08	101	2.21	+1.24	228	
Livingston	68	29	46	6	-8	0.63	+0.35	11.90	-0.27	98	1.94	+1.02	211	
Nye	65	26	45	0	-14	0.20	-0.08	13.28	+1.11	109	2.31	+1.39	251	
Rapelje	66	28	46	1	-9	0.05	-0.23	17.35	+5.89	151	1.72	+0.87	202	
SOUTHEAST														
Albion	69	28	44	2	-5	0.00	-0.21	13.39	+2.34	121	0.91	+0.21	130	
Baker	65	24	44	6	-2	0.00	-0.20	13.66	+2.06	118	0.44	-0.25	64	
Broadus	70	24	47	6	-1	0.17	-0.04	13.51	+3.02	129	0.70	-0.03	96	
Ekalaka	64	27	43	1	-6	0.12	-0.10	13.57	+0.08	101	0.59	-0.24	71	
Miles City	69	28	49	10	-1	0.03	-0.18	9.31	-1.74	84	0.28	-0.40	41	
Plevna	66	20	44	2	-6	0.01	-0.19	12.55	+0.95	108	0.32	-0.37	46	
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days														